

**MATERIAL SAFETY DATA SHEET**

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-535-5053

**PRODUCT : EXCEL II SOLID 4-9#/CS**

4027J9

Cavalier Chemical Co., Inc.

30 Papetti Plaza Elizabeth NJ 07207-0818 (800) 228-2811

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**1.0 IDENTIFICATION**

1.1	PRODUCT NAME:	EXCEL II SOLID 4-9#/CS
1.2	PRODUCT TYPE:	ALKALINE CLEANER
1.3	HAZARD RATING:	HEALTH: 2 FIRE: 0 REACTIVITY: 0

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**2.0 HAZARDOUS COMPONENTS**

2.1	:	SODIUM HYDROXIDE C.A.S. NO. 1310-73-2
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**This product contains no other component considered hazardous according to the criteria of 29 CFR 1910.1200.**

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**3.0 PHYSICAL DATA**

3.1	APPEARANCE AND ODOR:	WHITE SOLID MATERIAL,NO ODOR
3.2	SOLUBILITY IN WATER:	COMPLETE
3.4	BOILING POINT::	N/A
3.4 A	SPECIFIC GRAVITY:	N/A
3.5	VAPR DENSITY:	N/A
3.5 A	EVAPORATION RATE:	N/A

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**4.0 FIRE & EXPLOSION DATA**

4.1	FIREFIGHTING METHODS:	PROTECTIVE CLOTHING AND PRESSURE-DEMAND, SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN BY FIRE FIGHTERS IN AREAS WHERE THE PRODUCT IS STORED, ESPECIALLY IN A CONFINED AREA.
4.2	FIRE AND EXPLOSION HAZARDS:	THIS PRODUCT REQUIRES NO KNOWN SPECIAL PROCEDURES DURING A FIRE. FIREFIGHTERS SHOULD BE PROTECTED FROM DIRECT PHYSICAL CONTACT WITH THE PRODUCT, SINCE THE EXACT NATURE AND AMOUNTS OF POSSIBLE CONTAMINANTS DURING A FIRE WILL BE UNKNOWN.
4.3	FLASH POINT:	NOT COMBUSTIBLE.USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING MATERIALS.
4.4	FLAMMABLE LIMITS:	N/A

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**5.0 REACTIVITY DATA**

5.1	STABILITY:	STABLE UNDER NORMAL CONDITIONS OF HANDLING.
5.2	CONDITIONS TO AVOID:	AVOID EXCESSIVE HEAT OR COLD.
5.3	INCOMPATIBILITY:	STRONG ACIDS AND OXIDIZING AGENTS
5.4	HAZ.DECOMP.PROD:	CARBON MONOXIDE/CARBON DIOXIDE

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**5.0 REACTIVITY DATA**

5.5 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

**6.0 SPILL OR LEAK PROCEDURES/ USE PROPER PROTECTIVE EQUIPMENT**

6.1 CLEANUP: ABSORB THE SPILL WITH AN ABSORBENT MATERIAL. PLACE IT IN A CONTAINER AND DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

6.2 WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**7.0 HEALTH HAZARD DATA**

7.1 OVEREXPOSURE: CORROSIVE TO ALL BODY TISSUES WITH WHICH IT COMES IN CONTACT.

**8.0 FIRST AID**

8.1 EYES: IMMEDIATELY FLUSH WITH PLENTY OF COOL RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

8.2 SKIN: FLUSH WITH WATER FOR 15-20 MINUTES, RINSE WITH DILUTE VINEGAR.

8.3 IF SWALLOWED: DRINK A LARGE QUANTITY OF WATER OR MILK. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

8.4 IF INHALED: REMOVE FROM EXPOSURE. IF BREATHING IS DIFFICULT OR DISCOMFORT PERSISTS, OBTAIN MEDICAL ATTENTION.

**CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY****9.0 SPECIAL PROTECTION INFORMATION**

9.0 SPECIAL PROTECTION INFORMATION DUE TO THE SOLID FORM OF THIS PRODUCT NO SPECIAL PROTECTION IS NECESSARY UNDER NORMAL USAGE. THE FOLLOWING PROTECTION IS ADVISABLE IF EXPOSURE TO THIS PRODUCT OR ITS USE SOLUTION IS LIKELY.

9.1 RESPIRATORY:: USE NIOSH/MSHA APPROVED RESPIRATOR WHERE DUST OR MIST MAY BE GENERATED.

9.2 SKIN:: RUBBER GLOVES

9.3 EYE PROTECTION:: GOGGLES

HNK = Unknown at this time  
 PEL = Permissible Exposure Limit  
 C = Ceiling Limit, Not To Be Exceeded  
 STEL = Short Term Exposure Limit

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9.0 SPECIAL PROTECTION INFORMATION

9.4 OTHER PROTECTION EQUIPMENT:: NON-SLIP WORK SHOES WITH AN APRON ARE GOOD PRACTICES TO FOLLOW.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS

10.0 ADDITIONAL INFORMATION/PRECAU STORE IN A DRY AREA,AVOID HEAT.KEEP CONTAINER COVERED. WASH THOROUGHLY AFTER HANDLING.

10.1 D.O.T. CLASS: COMPOUND,CLEANING SOLID,N.O.I.B.N.

10.3 OTHER PRECAUTIONS: DO NOT GET IN EYES.AVOID CONTACT WITH SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING MIST.

10.4 DATE APPROVED: 04/04/2005

**KEEP OUT OF REACH OF CHILDREN**

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards, and regulatio